

## **REMARKS**

### **I. Introduction**

Claims 1-19 were pending in the application at the time the present Office Action was mailed. Claims 1, 8, and 10-13 have been amended. No claims have been added or canceled. Accordingly, claims 1-19 remain pending.

### **II. Rejections and Responses to Rejections**

The Office Action rejected claims 1-19 under 35 U.S.C. § 102(b) over Iverson, Lee, "NODAL: A Filesystem for Ubiquitous Collaboration" ("NODAL"). Applicants respectfully traverse these rejections.

#### **A. Response to Rejections of Claims 1-19 under 35 U.S.C. § 102(b)**

Although Applicants respectfully disagree with the rejections of claims 1-19, they have nevertheless amended independent claims 1, 8, 10, and 13 to more distinctly claim their inventions. For example, amended claim 1 now recites:

using the stored modification to re-create the requested version, wherein using the stored modification includes applying the stored modification to the located snapshot, thereby re-creating the requested version of the hierarchical document.

NODAL neither teaches or suggests applying a stored modification to the snapshot to re-create a requested version of the hierarchical document, as claim 1 now recites. In fact, NODAL describes that when a cursor is used to access a document, the cursor cannot edit or otherwise modify the document. Specifically, NODAL states:

Notably, all access to the data mutation interfaces from such a cursor is disabled, independent of permissions.

(NODAL, p. 21, emphasis added.) Since NODAL describes that a cursor cannot be used to access data mutation interfaces, the cursor cannot modify the document. Therefore, NODAL does not teach or suggest applying a stored modification to the snapshot to re-create a requested version of the hierarchical document. Indeed, NODAL teaches away from these features. Accordingly, claims 1-7 are patentable over NODAL.

Claims 8-9 recite "a snapshot of the hierarchical document, wherein the snapshot includes the node and any attributes relating to the node, and wherein the snapshot is created based on mutations that are made to the hierarchical document." As discussed above, NODAL's cursor does not enable mutations. Accordingly, claims 8-9 are patentable over NODAL.

Claims 10-12 recite "a component that stores a snapshot of the hierarchical document, the snapshot including the node, the snapshot being created based on a mutation that is made to the hierarchical document." As discussed above, NODAL's cursor does not enable mutations. Accordingly, claims 10-12 are patentable over NODAL.

Claims 13-19 recite "a component that uses the stored modification to re-create the requested version, wherein the component removes the stored modification from the located snapshot, thereby re-creating the requested version." As discussed above, NODAL's cursor does not enable modifications. Accordingly, claims 13-19 are patentable over NODAL.

### III. Conclusion

The claims each recite a novel combination of elements that is neither taught nor suggested by the applied references and so cannot be rejected under 35 U.S.C. §§ 102 or 103. In view of the above amendment, Applicants believe the pending application is in condition for allowance.

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Respectfully submitted,

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